

# Science Toolkit: Grade 5 Objective 1.B.1.c

Student Handout: Science: Grade 5 Objective 1.B.1.c

Standard 1.0 Skills and Processes

Topic B. Applying Evidence and Reasoning

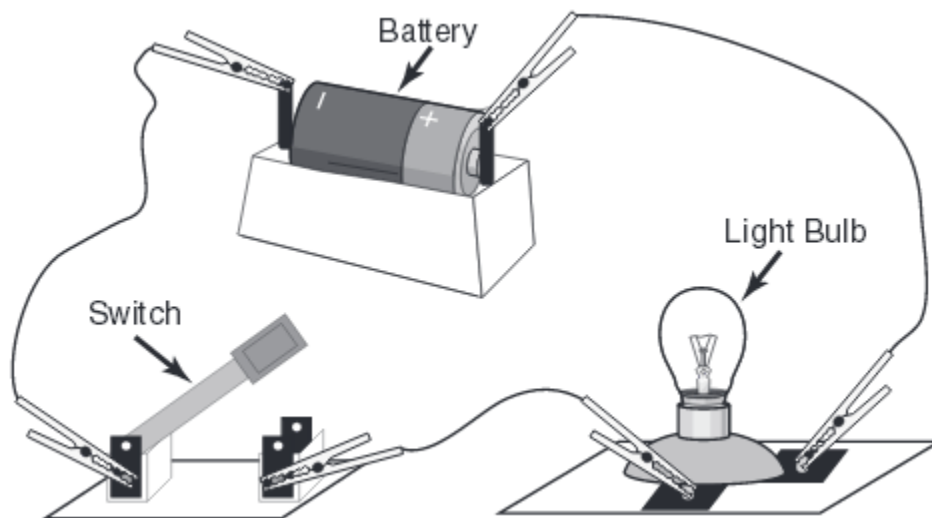
Indicator 1. Seek better reasons for believing something than "Everybody knows that..." or "I just know" and discount such reasons when given by others.

Objective c. Review different explanations for the same set of observations and make more observations to resolve the differences.

Selected Response (SR) Item

Question

Four students made the electric circuit shown below. Each student then tried to explain why the light bulb did not glow.



Student	Explanation
1	The battery is dead.
2	A wire is broken.
3	The switch is open.
4	The light bulb is broken.

Which student best explained why the light bulb did not glow?

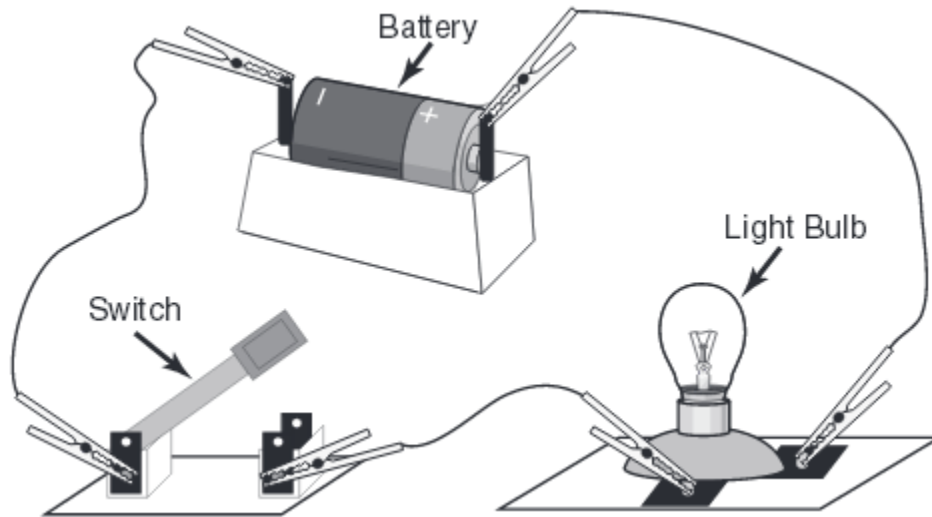
- A. Student 1
- B. Student 2
- C. Student 3
- D. Student 4

Correct Answer

C. Student 3

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